

Title (en)
SIMULATION SYSTEM AND METHODS FOR AUTONOMOUS VEHICLES

Title (de)
SIMULATIONSSYSTEM UND -VERFAHREN FÜR AUTONOME FAHRZEUGE

Title (fr)
SYSTÈME ET PROCÉDÉS DE SIMULATION POUR VÉHICULES AUTONOMES

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Application
EP 16862835 A 20161102

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- US 201514932940 A 20151104
- US 201514756995 A 20151104
- US 201514756992 A 20151104
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- US 201514932948 A 20151104
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- US 201514932959 A 20151104
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- US 201514932954 A 20151104
- US 201514932958 A 20151104
- US 201514932962 A 20151104
- US 2016060030 W 20161102

Abstract (en)
[origin: WO2017079229A1] Various embodiments relate generally to autonomous vehicles and associated mechanical, electrical and electronic hardware, computer software and systems, and wired and wireless network communications to provide an autonomous vehicle fleet as a service. More specifically, systems, devices, and methods are configured to simulate navigation of autonomous vehicles in various simulated environments. In particular, a method may include receiving data representing characteristics of a dynamic object, calculating a classification of a dynamic object to identify a classified dynamic object, identifying data representing dynamic-related characteristics associated with the classified dynamic object, forming a data model of the classified dynamic object, simulating a predicted range of motion of the classified dynamic object in a simulated environment to form a simulated dynamic object, and simulating a predicted response of a data representation of a simulated autonomous vehicle.

IPC 8 full level
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Citation (search report)

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